Event

MPTS AJET
STK 2101
OFT

Mission

STRIKE SIMULATOR

1.3 HOURS/X

ORM

STK 2101

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

STK 2101

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

SSR/DISCUSS ITEMS

STK 2101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**
  - **QOD**
  - **LOST INTERVAL**

SYLLABUS NOTES

STK 2101

- **STK 2101 MAY BE FLOWN ANY TIME AFTER STK 3101**

- **THE STUDENT WILL PERFORM THE FOLLOWING PROCEDURES IAW FTI, NATOPS, AND SOP ON THIS EVENT:**
  - **IN-FLIGHT EMERGENCIES (ANY)**
  - **INTRODUCE HUNG ORDINANCE APPROACH**
  - **PITOT STATIC MALFUNCTION**
  - **SIMO RUN**
  - **EMERGENCY JETTISON**
  - **HUD FAILURE**
  - **LOST COMMUNICATIONS PROCEDURES**
  - **LOST INTERVAL PROCEDURES**
  - **EJECTION SITUATIONS**

ADMIN

STK 2101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **STK 3101**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (0.9 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

STK 2101

RECOMMENDED FLIGHT CONDUCT

- **WIND OF 10-15 KTS**
- **STUDENT COMM AS #2**
- **INSTRUCTOR MAKES PATTERN CALLS FOR #1, #3, AND #4 (FOR AT LEAST SIX RUNS)**
- **CONTINUE 30º MANUAL BOMB PRACTICE**

BLOCK MIF

STK 2101

CTS REF	MANEUVER	STK2101
1	General Knowledge/Procedures	4+
2	Emergency Procedures	4+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	4+
7	Ground Operations	4+
8	Flight Admin	3+
9	Tactical Admin	3+
2	Ground Emergencies	3
2	Aborted Takeoff	3

CTS REF	MANEUVER	STK2101
2	Takeoff EPs	3
2	Engine EPs	3
2	Flight Control EPs	3
2	Gear EPs	3
2	Electrical EPs	3
2	Hydraulic EPs	3
2	Ejection	3+
2	Lost Communications	3+
2	Abort Run	4+
2	HUD failure	3+
2	Pitot Static Malfunction	3+
2	Simo Run	3+
2	Emergency Jettison	3+
50	Hung Ordnance Approach	3+
2	Blown Tire during Takeoff/Landing	3+
30 10	Takeoff	4+
49	Mach Run	3+
49	30-Degree Pattern/Bombs	3+
49	Roll-In	3+
49	Tracking/Dive Angle	3+
49	Dive Recovery	3+
29	Pattern Stall/Recovery	4+
23	Landings	3+

STANDARD DEBRIEFING FORMAT

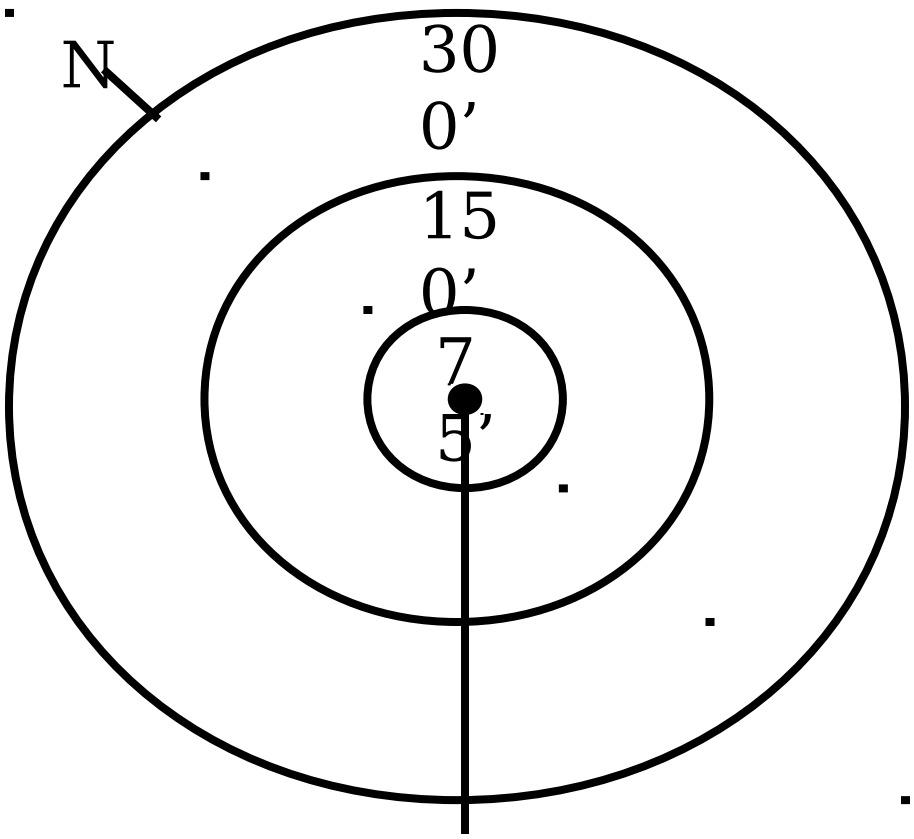
STK 2101

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED

Target Information

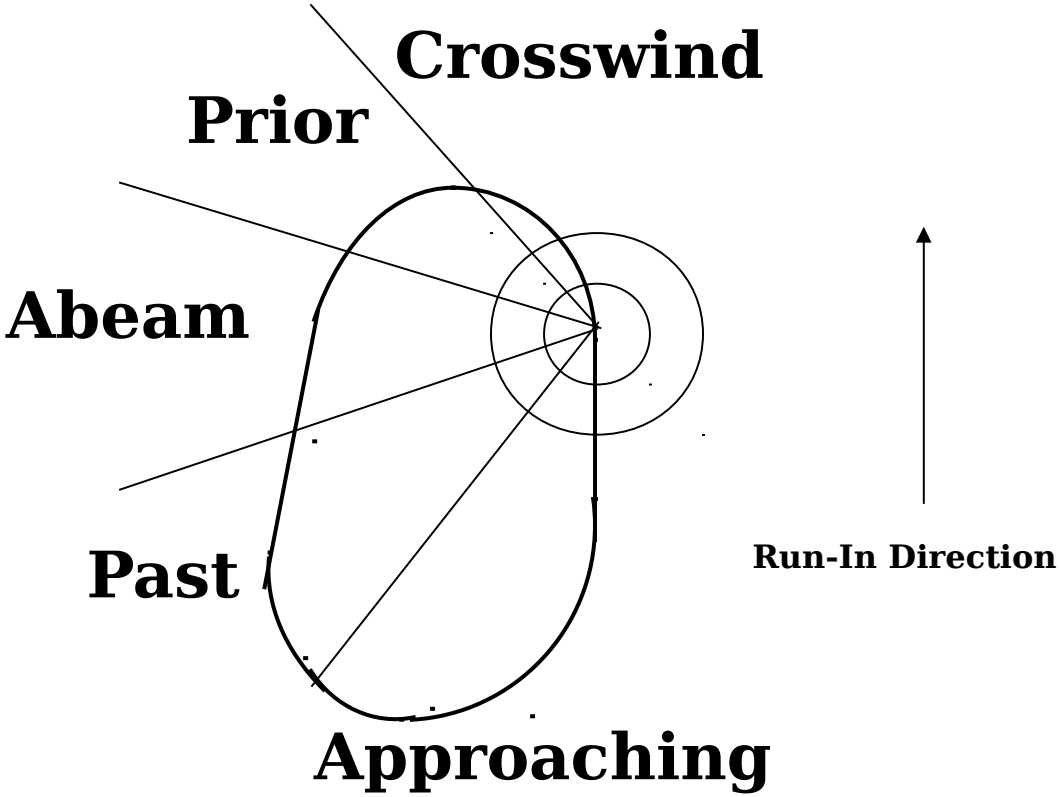
STK 2101



Target Data:

Target: SEARAY
ELEV: 240’
Run-in: 045
Pattern: Left
OTR dir: Left

STK 2101



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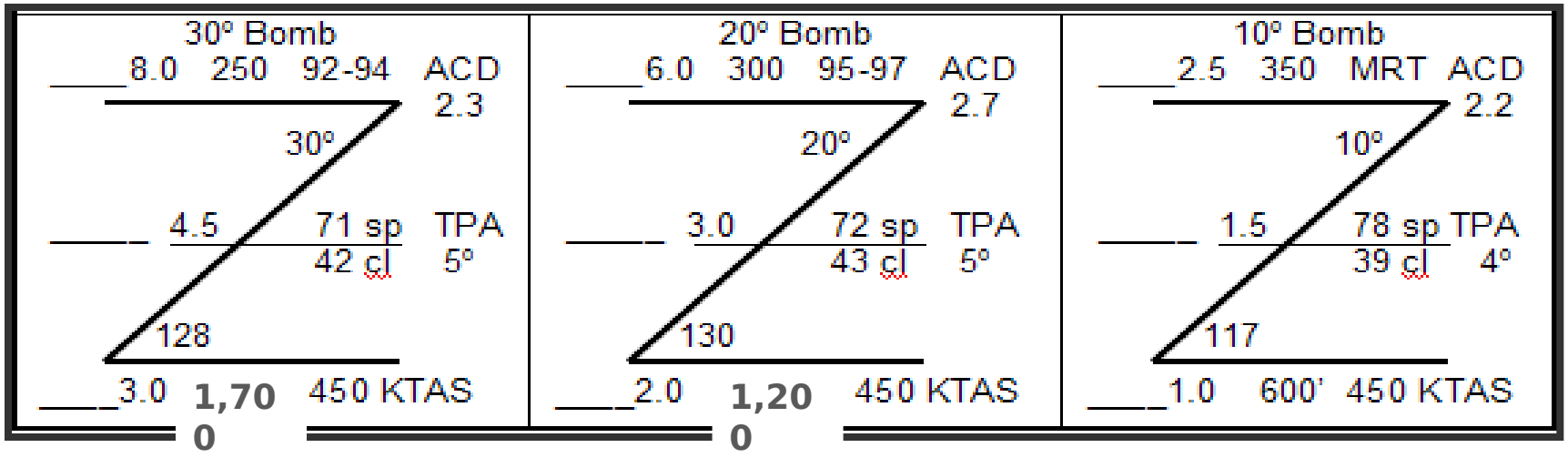
30° Bomb
8.0 250 92-94 ACD
2.3
30°
4.5 71 sp TPA
42 cl 5°
128
3.0 1,700 450 KTAS
20° Bomb
6.0 300 95-97 ACD
2.7
20°
3.0 72 sp TPA
43 cl 5°
130
2.0 1,200 450 KTAS
10° Bomb
2.5 350 MRT ACD
2.2
10°
1.5 78 sp TPA
39 cl 4°
117
1.0 600' 450 KTAS